

WHAT IS CLAIMED IS:

1. A pendulum mount to support a display screen,
comprising:

5 a ceiling mount, wherein cables run within the ceiling
mount;

a support arm mechanically coupled to the ceiling mount with
a first joint, wherein the cables exit the ceiling
mount and enter the support arm at the first joint, and
wherein the cables run within the support arm;

10 a mounting assembly to support the display screen,
mechanically coupled to the support arm with a second
joint, wherein the cables exit the support arm and
enter the support arm at the second joint, and wherein
the cables run within the mounting assembly and
15 operably couple to the display screen.

2. The pendulum mount of Claim 1, wherein the ceiling
mount further comprises:

a conduit; and

20 a base mechanically coupled to the conduit wherein the base
mechanically couples to the ceiling, wherein the
conduit is operable to rotate +/- 360° relative to the
base.

25 3. The pendulum mount of Claim 1, wherein tension between
the support arm and the ceiling mount prevent the support arm
from resting in a neutral position.

30 4. The pendulum mount of Claim 1, wherein the tension
between the support arm and the ceiling mount is exerted by a gas
tension spring.

5. The pendulum mount of Claim 1, wherein the tension between the support arm and the ceiling mount is exerted by a friction hinge.

5 6. The pendulum mount of Claim 1, wherein the mounting assembly further comprises:

a second conduit; and

a rotator mechanically coupled to the second conduit wherein
the rotator mechanically couples to the display screen,
10 wherein the second conduit is operable to rotate +/-
360° relative to the rotator.

7. The pendulum mount of Claim 1, wherein tension between
the support arm and the mounting assembly prevent the display
15 screen from resting in a neutral position.

8. The pendulum mount of Claim 1, wherein the cable
travels along a channel in the first joint between the ceiling
mount and the support arm.

20 9. The pendulum mount of Claim 1, wherein the cable
travels along a channel in the second joint between the mounting
assembly and the support arm.

10. A pendulum mount to support a display screen,
comprising:

a ceiling mount, further comprising:

a conduit; and

5 a base mechanically coupled to the conduit wherein the
base mechanically couples to the ceiling, wherein
the conduit is operable to rotate +/- 360°
relative to the base, and wherein cables run
within the conduit;

10 a support arm mechanically coupled to the ceiling mount with
a first joint, wherein the cables exit the ceiling
mount and enter the support arm at the first joint, and
wherein the cables run within the support arm, and
wherein tension between the support arm and the ceiling
15 mount prevent the support arm from resting in a neutral
position;

a mounting assembly to support the display screen,

mechanically coupled to the support arm with a second
joint, wherein the cables exit the support arm and

20 enter the support arm at the second joint, wherein the
cables run within the mounting assembly and operably
couple to the display screen, and wherein the mounting
assembly further comprises:

a second conduit; and

25 a rotator mechanically coupled to the second conduit
wherein the rotator mechanically couples to the
display screen, wherein the second conduit is
operable to rotate +/- 360° relative to the
rotator.

30 11. The pendulum mount of Claim 10, wherein the tension
between the support arm and the ceiling mount is exerted by a gas
tension spring.

12. The pendulum mount of Claim 10, wherein the tension between the support arm and the ceiling mount is exerted by a friction hinge.

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13. The pendulum mount of Claim 10, wherein tension between the support arm and the mounting assembly prevent the display screen from resting in a neutral position.

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14. The pendulum mount of Claim 10, wherein the cable travels along a channel in the first joint between the ceiling mount and the support arm.

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15. The pendulum mount of Claim 10, wherein the cable travels along a channel in the second joint between the mounting assembly and the support arm.

16. A pendulum mount to support a display screen for a dental patient, comprising:

a ceiling mount, further comprising:

a conduit; and

5 a base mechanically coupled to the conduit wherein the base mechanically couples to the ceiling, wherein the conduit is operable to rotate $\pm 360^\circ$ relative to the base, and wherein cables run within the conduit;

10 a support arm mechanically coupled to the ceiling mount with a first joint, wherein the cables exit the ceiling mount and enter the support arm at the first joint, and wherein the cables run within the support arm, and wherein tension between the support arm and the ceiling
15 mount prevent the support arm from resting in a neutral position;

a mounting assembly to support the display screen for the dental patient, mechanically coupled to the support arm with a second joint, wherein the cables exit the
20 support arm and enter the support arm at the second joint, wherein the cables run within the mounting assembly and operably couple to the display screen, and wherein the mounting assembly further comprises:

a second conduit; and

25 a rotator mechanically coupled to the second conduit wherein the rotator mechanically couples to the display screen, wherein the second conduit is operable to rotate $\pm 360^\circ$ relative to the rotator.

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17. The pendulum mount of Claim 16, wherein the display screen is operable to be oriented for the dental patient in a reclined position.

18. The pendulum mount of Claim 16, wherein the tension between the support arm and the ceiling mount is exerted by a gas tension spring.

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19. The pendulum mount of Claim 16, wherein the tension between the support arm and the ceiling mount is exerted by a friction hinge.

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20. The pendulum mount of Claim 16, wherein the cable travels along a channel in the first joint between the ceiling mount and the support arm.

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21. The pendulum mount of Claim 16, wherein the cable travels along a channel in the second joint between the mounting assembly and the support arm.

22. A hinged joint to conceal cables running within the hinged joint that comprises:

a first hinge assembly having a first internal cavity;

a second hinge assembly having a second internal cavity,

5 wherein the first hinge assembly and the second hinge assembly are mechanically coupled, and wherein the first internal cavity and second internal cavity allow the cables to be concealed.